

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

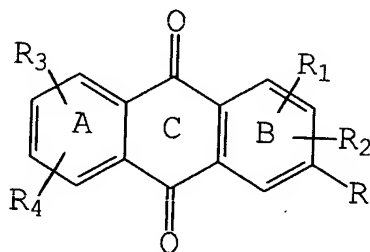
LISTING OF CLAIMS

Claims 1 - 21 (Cancelled)

-22- (Original)

An antihelminthic composition which comprises:

(a) at least one anthraquinone of the formula:



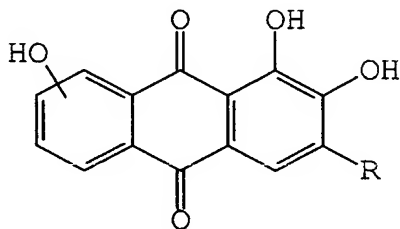
5 wherein R_1 , R_2 , R_3 , and R_4 are each selected from the group
consisting of hydrogen, hydroxy, halogen, alkyl, substituted
alkyl, alkene, substituted alkene, alkyne, aryl, substituted
aryl, cyclic, substituted cyclic, acid group, carbohydrate,
10 and combinations thereof, R is a group containing 1 to 12
carbons selected from the group consisting of methyl, alkyl,
substituted alkyl, aldehyde, hydroxy, hydroxymethyl, acid
group, carbohydrate, and combinations thereof, and the
halogen is selected from the group consisting of I, F, Br,
15 and Cl; and

(b) a pharmaceutically acceptable carrier, wherein

the composition contains between about 1 and 1,000 micrograms of the anthraquinone per milliliter or gram of the carrier.

-23-(Original)

The antihelminthic composition of Claim 22 wherein the anthraquinone has the formula:



5

wherein R is a group containing 1 to 12 carbons selected from the group consisting of methyl, alkyl, substituted alkyl, aldehyde, hydroxy, hydroxymethyl, acid group, carbohydrate, and combinations thereof.

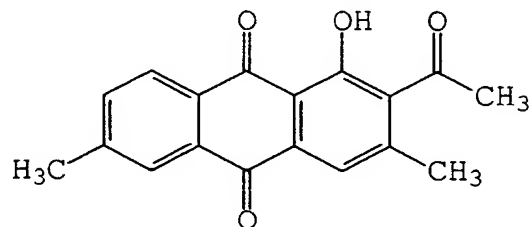
10

-24-(Original)

The antihelminthic composition of Claim 22 wherein the anthraquinone is selected from the group consisting of 1-hydroxy-2-acetyl-3,6-methyl anthraquinone (compound **1**), 2-acetyl-3,6-methyl anthraquinone monoacetate (compound **1a**),
5 1-hydroxy-2-acetyl-3,7-methyl anthraquinone (compound **2**), 2-acetyl-3,7-methyl anthraquinone monoacetate (compound **2a**), 1,2,8-trihydroxy-3-methyl anthraquinone (compound **3**), 1,8-dihydroxy-2-O- β -D-glucopyranoside anthraquinone (compound **4**), 1,2,8-trihydroxy-3-hydroxymethyl anthraquinone (compound
10 **6**), and 1,8-dihydroxy-3-carboxy anthraquinone (compound **8**).

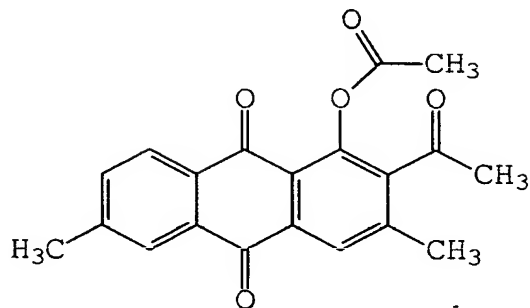
-25-(Original)

An isolated and purified anthraquinone which has the formula:



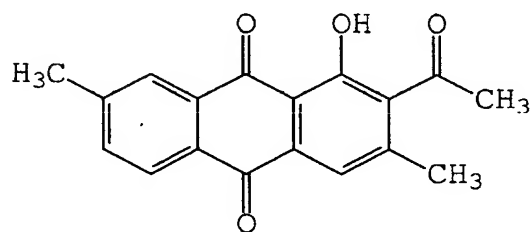
-26-(Original)

An isolated and purified anthraquinone which has
the formula:



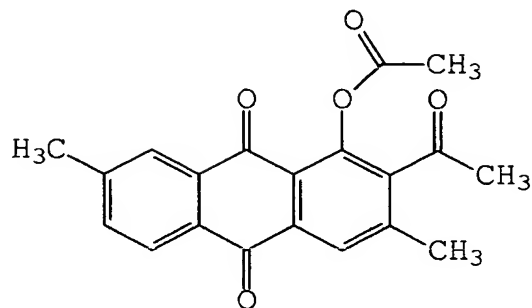
-27-(Original)

An isolated and purified anthraquinone which has
the formula:



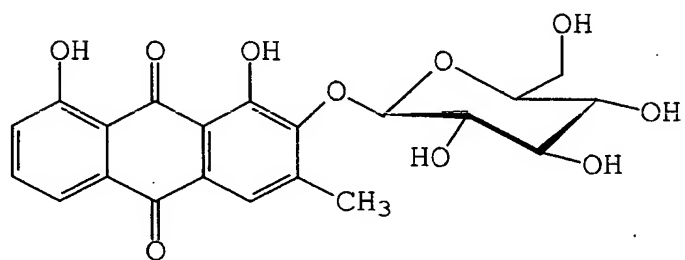
-28-(Original)

An isolated and purified anthraquinone which has
the formula:



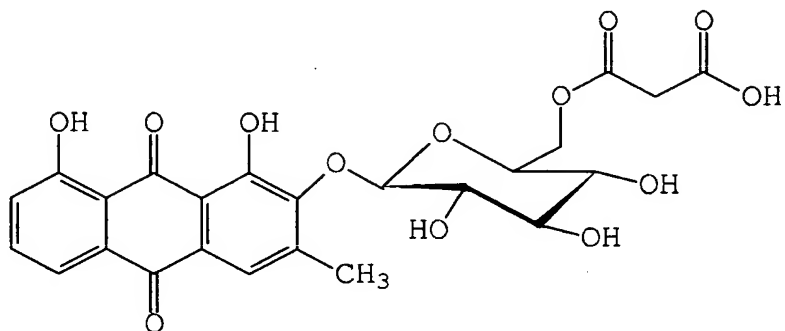
-29-(Original)

An isolated and purified anthraquinone which has
the formula:



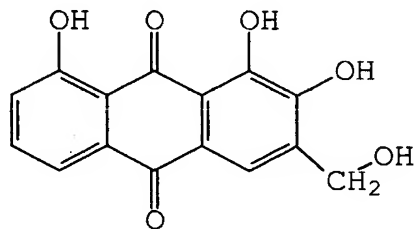
-30-(Original)

An isolated and purified anthraquinone which has
the formula:



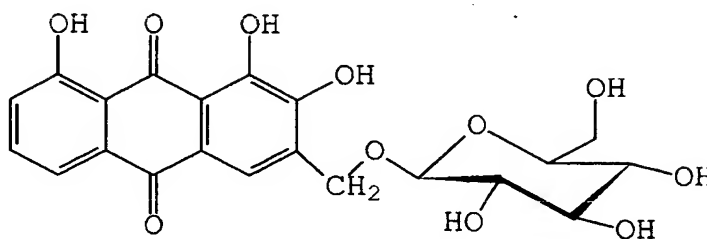
-31-(Original)

An isolated and purified anthraquinone which has
the formula:



-32-(Original)

An isolated and purified anthraquinone which has the formula:



-33-(Original)

An isolated and purified anthraquinone which has the formula:

